

(Brese Con't from page 1)

- ISQ: More than MMs deserve. You'll spoil 'em.
ING: Some of the local MMs had trouble finding the picnische area, and drove around lost for a while. Of course, NC7K drove all the way from Reno and straight through the park to exactly where we were with no problema.
ISQ: Them Reno folks is good for finding hard places to find.
ING: A few members who live right here never did find us! One in particular, a world-class DXpeditioner who has navigated small boats to tiny atolls in great seas and trekked the Himalayas couldn't seem to get past the Coyote museum. I'm tired.
ISQ: He now knows how many hairs on an average rabbit and how many oysters the native Americans around here had for lunch before McDonalds arrived.
ING: But we want to credit K6KLY and his flock for perserverance. They hunted and hunted and finally found us. And we want to thank Dave, KI6WF and XYL from the DX Club, for attending. Whew, I'm tired. You sure have a lot of questions.
ISQ: You pitched the annual baseball game?
ING: No, something more strenuous. The famous Maxwell Sitzblatz keying machine wore everybody out, so they was too pooped to play ball.
ISQ: Oh yes, Henry honked about that.
ING: Well, I might think of something else to say, but I'm still too tired from the picnische. I'll never vote for another one like that! Tooooo much. I'm tired.
ISQ: Hope you worked XY0RR.
ING: Got him! On ten. Last Saturday night I didn't fix Larry no supper because I was too busy tuning for the XY.
ISQ: Can Larry stand to lose any more weight?
ING: Next year let everybody make his own picnische in his own backyard!
ISQ: Anything else for the Miserables?
ING: Next meeting will feature our well-known thespian Robert A Wilson, N6TV, in a dramatic reading about magnetic beads or something. Then to the Pizza Parlor. It's entirely too late to carry on with all this chatter and nonsense.
ISQ: I've heard TV does a terrific soft shoe while juggling twenty-one 3 1/2 inch diskettes—with one hand. The kind of terrific training they get at Bezerkely.
ING: Tell me later. I'll see you at the meeting. I'm going back to bed.

HENRY'S HONKINGS de KJ6LD

NCCC Picnic Report

The annual NCCC picnic was held on September 20, at Coyote Point Park in San Mateo. There were 23 adults and 2 children there.

It was a very sunny day, and some of us got a good sunburn as a result! (We can't blame it on the nice weather—We just forgot to put on suntan lotion.) The food included chicken, ribs, hot dogs, salad, and watermelon. We had lots of food and Louese will probably be staring at chicken for a long time to come.

Louese gave out 5 Meg awards to the recipients who were there. We also had the Sitzblatz key there, and repeated the "fanny" portion of the Visalia F&F contest. Bob N6IP & Ace N3AHA tied for first place. Runners up were Tim NC7K and Al AG6D.

Those of you that didn't make it missed a good picnic! CU next YR!

NCCC BOD Meeting Report

The NCCC BOD meeting was held on Saturday, August 19, at 9 AM prior to the picnic. Louese, KA6ING; Ace, N3AHA; Bob, N6TV; and Henry, K6JLD were present.

1. A joint NCCC/NCDXC Christmas party had been proposed over the last few weeks. The board discussed this issue and voted to maintain the scheduled Christmas party as a NCCC function, and the members of the NCDXC are invited to attend.

2. The board voted to emphasize the CQWW contest this contest season.

3. Family memberships were discussed. Any change in the membership categories requires a by-law change, which must be voted on by the membership. There will be proposals made for by-law changes, which will be printed in the *JUG*.

4. The *JUG* will not be sent to members who have dues in arrears past December.

5. Next Board meeting will be September 20th at 6 PM, immediately prior to the regular meeting. All members are welcome. All members are welcome to attend and provide comment on issues.

(Henry con't page 3 col 1)

(Henry, con't from page 2, col. 2.)

6. The September meeting will be held on September 20th at HP in Palo Alto, 1501 Page Mill Road, Building 5, conference room 5 M1 (also known as 5 "Middle" 1). This building is directly on Page Mill at the top of the hill between Porter Drive and Hanover. Starting time is 7PM.

Donations Report

We have received 5711 in donations to date. This means that we can count on the funds from anonymous club members who agreed to kick in money if the rest of the membership raised \$500.

There is a long list of contributors who provided donations. The list you see below only represents those who checked the "Yes" block on the *JUG* dues form. Many of our members want to support the club, but would prefer to remain anonymous. If you didn't check anything on the form and did contribute, your name isn't here.

Bruce W6OSP; Jim KS6H; Gordon W6NLG

If your name isn't here and you were expecting it, please accept my apologies, and tell me about it. I'll make sure it gets in the next *JUG*.

Thanks to all who contributed to make the NCCC the great club it is!

Respectfully submitted,
Henry, KJ6LD Secretary/Treasurer

SUPER FLASH

N6TV made a wonderful deal with Ken, K1EA! If Ken would send Bob new CT software to support CQP, Bob would send Ken one personalized bottle of California Cabernet.

Ken did and Bob did.

Bob will demonstrate K1EA's CQP software as part of his softshoe and juggling act the next meeting. Bring a blank 3.5" diskette to the meeting. Bob will transfer the goodies to your disk.

In order to heighten the CQP competition, Maggi KC6NFE, will offer a double! DUB to any NCCer scoring higher than N6TV on CW. He in turn will be expected to mow our lawn once for every operator who beats him.

de W6ISQ

CONFESSIONS OF A CASUAL CONTESTER

de W6ISQ

We finally got home after three weeks "vacation". I was afraid that the XY0RR operation would all be over, but ayo and ayeh, it was and still is going strong. Yes, even rare DX like that can start a small drool in testers' heads because it is something of a contest just to get through the pileup. And consider what will happen when NCCer N7NG opens up from Albania. That will be a great opportunity and good training for the coming fall DX contests.

A few months ago, I reported about our plane's trying to get out of Atlanta for New York. You may recall we were ignominiously towed from the runway back to the gate, escorted by fire trucks aft and fore, with both engines conked out.

This time we got all the way to New York's Kennedy airport, ready for take off on Lufthansa before gloom set in. We boarded for the ten PM take-off, then sat. They were not through loading bags and food. At 11 PM, a huge rainstorm started. It was following Hurricane Bob up the coast. So we sat some more. But we did taxi away from the loading dock. Some movement, at least.

At 12 midnight, the Captain asked, "Is there a doctor on the plane?" Five minutes later he repeated, "Is there a doctor on the plane?" No shows. Five minutes later, "We have clearance to taxi to the runway where we will be number one for take-off." Ok, we think. So maybe the victim who needed the doctor is much better and wants to get to Frankfurt. We taxied for 10 minutes. Then the Captain comes back on the horn and says, "We are now back at the gate awaiting arrival of an ambulance to take off a passenger." Never did find out what happened between clearance for take-off and going back to the gate.

It took another half hour for the 911 emergency types to show up, then a 15 minute conversation with assorted plane folks. At one AM, the announcement again, "We are cleared to taxi...." Are they kidding? Whatdayano! All engines were functioning and we actually flew away from Kennedy the first try, on our own power.

Take off time was about 10 PM West Coast time. So, thinks I, if I can stay awake, this six-hour flight to Frankfurt will be a good test of how I would survive the all night operations of the CQWW. Remember Ken's, N6RO, admonition about DX contests: "Do not even think about sleeping Friday night!" I'll test that tonight, Ken, sez I.

(Conf. con't page 4, col 1)

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de W6ISQ

Conf. con't from page 3 col 2)

I got through to Frankfort with only a few 15 minute nods. Not bad. However, there were various little distractions which tend to keep the traveller awake, two meals, numerous cold drink proposals, and a movie, (which I didn't watch). Instead, I read a book. Next day I couldn't even remember the title, but I was still moving when we arrived at Frankfort, albeit zombie-like. By the time we got to Venice illusions began. There were boats going down and up the streets!

We used the Leeson-method of overcoming jet lag. You remember: 90 minute sleep, 90 minute awake routine. Great idea which we used before, with some mods. This time we modified it to suit Italy, 11 hours' sleep, 15 minutes awake. Worked in spectacular fashion, especially after the third day. Thanks again Dave and Barb.

So much for me and after-midnite contesting. Sorry, Ken. I'm not meant for the late shift. But during the daytime—I'm a tigger. Sleepy just writing about it. 73, W6ISQ

NEXT MEETING

20 SEPTEMBER 7 P.M.
HEWLITT PACKARD PALO ALTO
1501 PAGE MILL ROAD
BUILDING 5 M 1
(aka known as 5 "MIDDLE" 1)

PROGRAM
BOB WILSON N6TV
'SPECIAL ASPECTS OF CQP'

K1EA PROGRAM FOR CQP
Slide Show of Picnic

ADJOURN TO NEARBY PIZZA PARLOUR

Directions to HP Meeting Hall:

Our September meeting will be in Building 5 of Hewlett Packard at 1501 Page Mill road, in the Conference room, which is called "5 Middle 1". To get there take Page Mill Road from 280 or Oregon Expressway from 101. The complex is at the top of the hill between Porter Drive and Hanover Drive. You may need to go past a guard shack. N6ST will attempt

to make arrangements so passage will be easy. If it works, just tell the guard you are going to "the radio club meeting." Otherwise N6ST, will escort groups from the gate to the lobby. Building 5 is third building on the left after you enter the complex, and the lobby is on the far end (east end) of the building. Follow signs to the "Stanford Park Division Lobby".

de N6ST

Child Born With Silver Paddle?

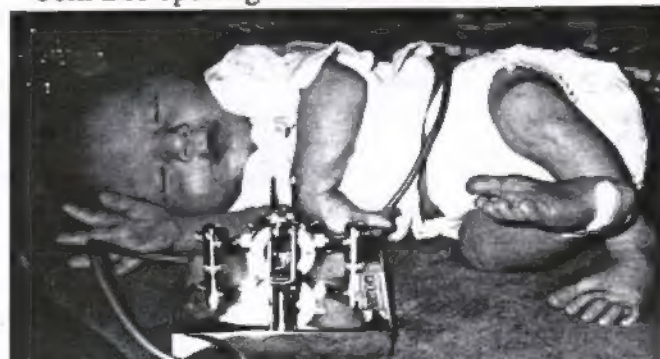
SAN JOSE, CA JULY 22, 1991. A baby girl was born here at 8:07 A.M. today with a special gift--a chrome plated Bencher paddle. Parents Miki (JN2LST) and Bob (N6IP) Wolbert were stunned. "At first, I thought Sarah was born with the proverbial 'Silver Spoon,'" stated mother Miki. "The truth was far more exciting" exclaimed father Bob.

Doctors were astonished, mentioning that the paddle was gripped firmly between Sarah's thumb and index and middle fingers. "The paddle was attached to a cable terminated in a 1/4" stereo phone plug, which apparently acts as a surrogate umbilical cord" the doctor said.

Communications with Sarah thus far have been relatively uneventful. "Signal strength is quite adequate, but readability has been poor, and the tone is ... well, its not quite pure CW" N6IP reported.

The baby precipitated further surprises. Today's mail brought a letter from the Federal Communications Commission (FCC), addressed to Sarah, and containing amateur radio license K1D. "Wow," shouted Bob, "a 1x1 callsign!" Sarah will have to wait before using her new call, however, since she cannot yet handle a pen to sign the license.

Sarah is presently content tuning the bands and is reported especially fond of listening for 80m DX openings at about 1000 UTC. de N6IP



K1D

1991 California QSO Party
Sponsored by the Northern California Contest Club

BEGINS: 1600 UTC October 5, 1991 ENDS: 2200 UTC October 6, 1991

Single operator entries may operate only 24 hours; off times must be clearly marked in the log and must be at least 15 minutes long.
Multi operator entries may operate the full 30 hours.
Stations may be worked once on CW and Phone on each band.
All contacts must be simplex; no MCW.
Single-op and multi-single entries are allowed only one transmitted signal.
All CW contacts must be made in the CW sub-band, except for 160 meters.
California stations that change counties are considered to be new stations and may be contacted again for point and multiplier credit. CA stations operating from a county line may be counted only as one QSO.

OBJECT: Stations outside of California work as many California stations in as many CA counties as possible; stations in California work anyone.

EXCHANGE: California stations send QSO number and county; stations outside of California send QSO number and state/province/country.

QSO POINTS: Each complete phone contact is worth 2 QSO points. Each complete CW contact is worth 3 QSO points.

MULTIPLIERS: California stations use states and VO/VE1-7 and VY1/VE8 for a possible total of 58. Out-of-state stations use the number of different California counties for a possible total of 58. CA stations on a county line may be claimed as a multiplier for any or all of the counties they give in their exchange.

TOTAL SCORE: The total score is the number of QSO points multiplied by the total number of multipliers.

FREQUENCIES: 160 through 2 Meters excluding all WARC bands. CW on 1805 and 40 KHz up from the band edge. Phone on 1815, 3850, 7230, 14250, 21300, and 28450. Novices 10 KHz up from the band edge and 28450.
Try CW on the half hour.
Try 147.54 MHz at 2000, 0000, and 0400Z.
Try 160 meters at 0500Z; 80/75 meters at 0300 and 0700Z.

DEADLINE FOR SCORE SUBMISSION: All logs and summary sheets must be sent to NCCC c/o Gary Caldwell WA6VEF, POB 8014-56, Blaine, WA 98230, by November 15, 1991. Please send either a 9x12 SASE or \$1 for results. Entries of more than 200 QSOs must include duplicate sheets.
For a CQP paperwork packet containing log and summary sheets, county abbreviations, and contest records, send a business size SASE to the above address.

AWARDS: Certificates to the highest scoring single operator entry in each CA county, each state/province, and each country, and each station that scores 100 or more QSOs.

Trophies to the top three out-of-state single ops; the top three California single ops; the top multi-single and multi-multi in California; and the high scoring single op and multi-op California county DXpeditions.

Special CQP Wine Award--The top 20 single operators in California, along with the top 20 single ops out of state, will receive a personalized bottle of Northern California Contest Club Private Reserve California wine. Wine winners who are under legal drinking age will receive a non-alcoholic personalized award.

Special Trophies--to the CA single op and out-of-state single-op with the most CW QSOs; the mobile single op or team with the most total QSOs; the high scoring low power entry (200 watts or less) in CA and out of state; the top Novice/Technician entry in CA and out of state; the top scorer outside the USA and Canada; and the top club in California (5 entries minimum--Northern and Southern Cal Contest Clubs are ineligible).

California QSO Party All Time Records

California

Alameda	W6SZN	80	232,788	1939	57
Alpine	W6XB	79	70,700	707	50
Amador	N6TIB	89	183,222	1469	58
Butte	K6AAW	89	184,556	1451	58
Calaveras	K6RK	88	164,604	1210	58
Colusa	K6AAW	88	171,854	1353	58
Contra Costa	N6RO	89	304,268	2334	58
Del Norte	K6HY	89	80,920	641	56
El Dorado	W6TPH	79	193,820	1762	49
Fresno	K16CG	88	137,692	1187	58
Glenn	K6AAW	89	184,556	1451	58
Humboldt	W6JTI	89	181,134	1323	58
Imperial	AA6PC	89	52,828	375	47
Inyo	W76DZM	79	128,336	1234	52
Kern	N5FA/6	85	218,254	1798	58
Kings	N6BT (WA6VEF op)	86	258,738	2046	58
Lake	K6HNZ	81	189,126	1659	57
Lassen	K6AAW	86	131,254	1017	58
Los Angeles	W6AQ (WA6OTU op)	86	266,452	2065	58
Madera	K6CFW	89	201,492	1737	58
Marin	K6LRN	89	137,655	1036	57
Mariposa	K6HNZ	82	199,288	1718	58
Mendocino	NA6T	82	135,945	1116	57
Merced	W6TPH	82	180,612	1434	58
Modoc	W6REC	90	284,026	2209	58
Mono	WA6ZBX	87	111,216	993	56
Monterey	K16CG	89	145,000	1250	58
Napa	W6FSJ	90	105,393	735	57
Nevada	A16V	89	288,318	2278	58
Orange	NC6U	90	244,104	1963	56
Placer	W6SZN	81	121,275	953	55
Plumas	K6AAW	87	126,266	920	58
Riverside	W6TKV	89	171,100	1475	58
Sacramento	W6GO (N6IG op)	90	354,554	2824	58
San Benito	K6GPF	88	169,534	1294	58
San Bernardino	W6HAL	86	107,502	788	57
San Diego	K6NA (N6TR op)	89	366,618	2928	58
San Francisco	N6BV	79	232,560	2040	57
San Joaquin	K6AYA	76	101,640	965	58
San Luis Obispo	W7CB	82	221,328	1777	58
San Mateo	N6BV	82	270,454	2245	58
Santa Barbara	WA6FGV	90	213,009	1715	57
Santa Clara	N6BT (WA6VEF op)	88	326,830	2585	58
Santa Cruz	N6RZ (WB6SHD op)	80	276,892	2338	58
Shasta	AA6DX	79	168,376	1619	52
Sierra	N1EE/6	87	56,056	413	52
Siskiyou	K6AAW	90	123,519	1020	57
Solano	K6HIH	90	227,864	1825	56
Sonoma	K662A	81	136,287	1194	57
Stanislaus	WA6ZBX	90	154,926	1359	57
Sutter	W6XB/6	89	156,465	1231	57
Tehama	AA6DX	88	216,514	1685	58
Trinity	K6AAW	90	123,519	1020	57
Tulare	K16CG	87	89,552	772	58
Tuolumne	N6IP	79	38,976	406	48
Ventura	N6TR	81	293,248	2373	58
Yolo	N6JV	81	88,776	724	54
Yuba	W6BSY	90	162,849	1364	57
Multi-Single	N6CW	89	296,438	2390	58
Multi-Multi	N6KT	79	493,928	4258	58
County Expeditions					
Single-op	N6BT (WA6VEF op)	86	258,738	2046	58
Multi-op	N6KT/6	78	306,356	2641	58
Novice/Tech	K66HWZ	90	50,968	554	46
Mobile QSOs	N6BT/WA6VEF/ VE7NKI	89		1508	
Most CW QSOs	W6UE (WA6OTU op)	89		1102	
Low Power	W6AB (N6GC op)	89	197,838	1492	58

State/Province/Continental

Alabama	KK4TE	90	48,345	430	55
Alaska	KL7AF	88	21,574	176	46
Arizona	K7GM	81	34,522	342	41
Arkansas	WA5SOG	90	32,997	313	51
California	K6NA (N6TR op)	89	366,618	2928	58
Colorado	W0IZV	88	34,200	259	50
Connecticut	WA1PCN	90	61,389	429	57
Delaware	NX3A	90	55,746	489	57
Florida	K4XS	90	138,968	1106	58
Georgia	WX4G	88	125,106	981	58
Hawaii	K6GSS/KH6	89	36,828	341	54
Idaho	WA1PID/7	75	54,172	467	58
Illinois	K9ZO	89	107,938	850	58
Indiana	KE9I	90	113,564	901	58
Iowa	W0OEWD	82	91,190	750	55
Kansas	WBOYJT	90	41,776	373	56
Kentucky	KM4FO	90	53,808	412	57
Louisiana	KZSD	87	38,988	310	54
Maine	WB1GLH	81	25,757	257	57
Maryland/DC	KM3T	86	80,541	606	57
Massachusetts	NB1B	90	93,496	711	58
Michigan	WB8WKQ	82	27,762	289	42
Minnesota	WA0QIT (KF0FC op)	89	76,676	583	58
Mississippi	N5OVV	90	73,312	631	58
Missouri	W3HDH/0	89	59,070	426	55
Montana	K0PP/7	90	57,855	429	57
Nebraska	KV0I	88	132,124	1039	58
Nevada	WA7NIN (W6OAT op)	83	73,776	606	53
New Hampshire	K1ITS	81	28,413	268	41
New Jersey	W2GD	88	49,452	372	52
New Mexico	AA5JF	89	35,040	301	48
New York	N1CC	89	80,245	625	55
North Carolina	AA4NC	88	68,264	524	56
North Dakota	WB0O	89	51,092	450	53
Ohio	N8BJQ	88	51,993	420	53
Oklahoma	W5T2N	88	48,336	400	53
Oregon	N6TR/7	86	130,500	1030	58
Pennsylvania	N6CQ/3	87	64,314	483	54
Rhode Island	KA1GQW	86	28,764	245	47
South Carolina	W6OKX/4	86	15,540	138	42
South Dakota	KD0EE	90	43,248	351	53
Tennessee	K4LTA	90	83,985	647	55
Texas	W5ASP	89	106,488	856	58
Utah	K6XO/7	90	73,304	543	56
Vermont	WA1JVJ	88	63,918	477	53
Virginia	W3YY	86	52,528	400	56
Washington	N7ZZ	77	52,704	488	54
West Virginia	KC8FS	90	28,728	252	54
Wisconsin	N0BSH/9	90	160,080	1280	58
Wyoming	N7NG (WA6AUE op)	89	66,096	518	51
Maritime	VE1BNN	81	27,520	212	46
Quebec	VE2MS	89	22,568	217	52
Ontario	VE3BQL	88	30,550	232	47
Manitoba	VE4VV	90	47,358	363	54
Saskatchewan	VE5FN	88	31,200	325	48
Alberta	VE6DZ	88	17,511	159	39
British Col.	VE7NTT	90	114,956	878	58
NWT/Yukon	VE8CM	89	39,208	338	58
Africa	CN8FC	89	3,944	53	29
Asia	JH7WRQ	90	20,586	173	47
Europe	4U1ITU (N6TR op)	90	57,772	467	52
Oceania	YB2CTW	88	2,425	40	25
South America	PY5ZBA	88	23,920	225	46
N. America DX	NP4P	90	8,510	115	38
Novice/Tech	N9ICH	89	21,522	211	51
Most CW QSOs	N6CQ/3	88		340	
Low Power	N0BSH/9	89	109,272	888	58

Telephone/Cable TV RFI cures

N6EK has discovered an excellent RFI/TVI cure. We have been having very good success recently in curing telephone and cable TV RFI problems through the use of ferrite split beads and large toroids. For telephones, we wrap seven turns of telephone lead through a PSC Electronics ferrite shield bead, P/N 2643164151. This has successfully cured some horrible telephone RFI at N6TV, N6EK, AA6KX, N6EE, and elsewhere. The only phones that are still trouble seem to be the new AT&T phones. RF seems to get through the case. The cheaper Japanese solid-state phones act just like transistor radios with long antennas attached (the telephone lead). A ferrite bead installed as close as possible to the telephone set is an excellent cure for this type of RFI.

We have also had good success curing cable TV TVI by wrapping as many turns of cable as possible through large 1.5" toroids (PSC P/N 2643803802). In my area, the cable companies use a "twin-lead" RG-59 style cable (two RG-59 leads in a zipcord arrangement). The size of the cable forces the use of a large toroid to get enough turns (usually 5-7 are all you can fit). The toroids choke off the common mode RF currents coming down the shield. Ordinary high pass filters (such as those the cable company would be likely to try) usually do nothing for RF on the shields.

We buy the shield beads in quantities of 100 at a time to get a price break. You need two halves to make a useful unit, so 100 gives you enough to make 50 toroids. These beads are also perfect for constructing shield baluns on RG-8 coax, as the inside diameter of the bead is exactly the same as RG-8. They also work well in quieting computer-induced RFI on printer and RS-232 cables. So, 100 go much faster than you might think. The shield beads cost \$1.25 a half in quantities of 100. Perhaps I may arrange a "group buy" for NCCC members if there is enough interest. Stay tuned.

The 1.5" toroids are \$3.40 each in quantities of 1-49, \$3.10 in quantities of 50 or more. Both products are "mix 43." They are manufactured by Fair-Rite Corp. You can probably use any mix 43 ferrite as long as it is large enough, or you can order the ones I mentioned above from:

Last month Cass, WA6AUD, told us how to get our queen bee and get the hive buzzing. Now, let's put the little buzzers to work.....

THE ODD ONE

by Hugh Cassidy, WA6AUD
Chapter VI

GETTING TO WORK

If the queen is out, remove the spacer, close up the hive and leave the busy ones alone for a week or so. If you have to look, you should light the smoker and very gently, and very lightly, smoke the hive. Wait a few minutes and the bees will be docile. Carefully lift the top and peer inside. You should see the center frames having the cells built up with wax. Nice white wax cells. Soon the queen will be laying in the center of the frames, the workers will be storing honey and pollen in the outer corners of the frames outside the brood area. In a month or so, you should put a queen excluder and a honey super on top of the brood supers. When the bees start drawing out the cells on the honey supers, you are in business. If you want to go whole hog, put two supers on the hive. If the bees fill up two supers in the first year, the miracle you expected has come. Rejoice! Otherwise, just wait for next year.

Sometimes one may feel a need to see the fruit of your labors and this is not too difficult. Have an extra honey frame or two handy. When an examination shows that a frame in the center of the honey super hive is capped, be ready. Actually, with a bit of smoke you can lift the frames out and examine them. Hold them by the ends and move slowly, gently and gracefully. Do not jar nor shake the bees. If the frames has most of the cells capped, you have passed the first hurdle on the road to becoming a master bee keeper. All beekeepers are master beekeepers. Have no doubt on that point. However, it is now what they think, it is what you think. And you have proven that you can follow in the footsteps of the ancient tribes of Egypt and Babylon, the remembered Biblical names from your long memory and the shorings of sandy lands.

Put a new frame in where you have removed a capped one, close the hive and be ready to enjoy the harvest. You can cut chunks of honey off the foundation and eat it straight. You can also scratch the caps on the cells, suspend it over a plastic pan or anything that will hold the honey and by the next dawn you will have a quart of the best honey you have ever tasted. Have no doubt.

NCCC Treasurer's Report

July 1, 1981 through August 26, 1981

	BUDGET	TO DATE
Membership Dues	\$3,000.00	\$1,810.00
Donations		\$711.00
JUG and Finster Ads	\$570.00	\$0.00
JUG and Finster Publishing	(\$1,000.00)	(\$321.78)
CBP	(\$1,000.00)	\$13.00
Membership Awards	(\$1,000.00)	(\$126.11)
Visits Hospitality	(\$200.00)	\$0.00
Self-funding Events	\$0.00	\$34.72
Sponsored Awards	(\$150.00)	\$0.00
Contingency Fund	(\$200.00)	\$9.30
Total	(\$680.00)	\$2,130.13

Respectfully Submitted, Henry Stewart, Secretary/Treasurer, KJRLD
8/26/81

PSC Electronics
677 Palomar Avenue
Sunnyvale, CA 94086
FAX 408-737-0502
800-654-1518 (outside Calif. only?)
408-737-1333 (inside Calif.)

WORLDWIDE DISTRIBUTION

ANNOUNCING
a NEW STORE!!
HRO is now in
PORTLAND, OR.!

EA.
RONICS.
CUSHCRAFT
BIRCOMF-Je YAESU
BIRDS TOWERS
IRDUS TOWERS
BUTTERNUT
TEC
BIRDA



HAM RADIO OUTLET

LARGEST HAM OUTLET IN THE WORLD

11 STORE BUYING POWER!

GRAND OPENING
Saturday, September 14, 1991
10 am - 5:30 pm

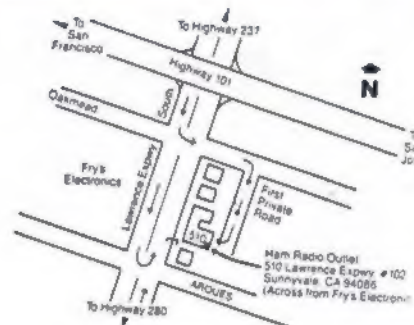
NEW ADDRESS!
SUNNYVALE, CA 94086
510 Lawrence Expressway #102
(408) 736-9496
(800) 854-6046
Tom, KB6LUC, Mgr.
Lawrence Expressway, So. from Hwy 101

**NEW! KENWOOD
TS-850S**



T.G.I.K.*

(*Thank goodness it's Kenwood.)



Across Expressway
from FRY'S

NEW LOCATION!!
Now in **SUNNYVALE!**

OAKLAND, CA 94608
2210 Livingston St.
(510) 534-5757
(800) 854-6046
Rich, WA9WYB, Mgr.
I-880 at 23rd Ave. ramp

**FREE
SHIPMENT**

most items over
\$100 UPS surface

ALL MAJOR BRANDS IN STOCK NOW!

CALL TOLL FREE	WEST 1-800-854-6046	MOUNTAIN 1-800-444-9476	SOUTHEAST 1-800-444-7927	MID-ATLANTIC 1-800-444-4799	NEW ENGLAND 1-800-444-0047
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NOW! Toll free in California!

STORE WALK-IN HOURS: 10 AM - 5:30 PM • CLOSED SUNDAYS

Toll free, incl. Hawaii; call routed to nearest store; all HRO 800-lines can assist you, if the first line you call is busy, you may call another - or call direct to your local store.

PHONE HOURS:
9:30 AM to 5:30 PM.

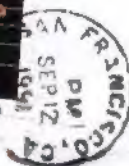
AZ, CA, CO, GA, VA residents, add sales tax. Prices, specifications, descriptions, subject to change without notice.

NCCC
44 Toyon Terrace
Danville, CA 94526

FIRST CLASS

RUSTY EPPS W6OAT
651 HANDLEY TRAIL
REDWOOD CITY, CA 94062

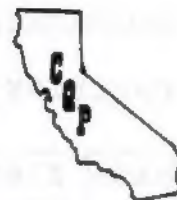
92



SEP 12 1991



CALIFORNIA QSO PARTY



Sponsored by THE NORTHERN CALIFORNIA CONTEST CLUB

BAND CW QSOs PHONE

VHF		
10		
15		
20		
40		
80		
160		
TOTAL QSOs		
	x3	x2

TOTAL POINTS

TOTAL
CW AND
PHONE QSOs

TOTAL MULTIPLIER

FINAL SCORE

(Maximum 58)

MULTS FOR OUT-OF-STATE ENTRIES

Ala	Alameda	Kings	Kings	Pla	Placer	Shas	Shasta
Alp	Alpine	Lake	Lake	Plu	Plumas	Sie	Sierra
Am	Amador	Las	Lassen	Riv	Riverside	Sisk	Siskiyou
Butte	Butte	LAX	Los Angeles	Sac	Sacramento	Sol	Solano
Cala	Calaveras	Mad	Madera	SBen	San Benito	Son	Sonoma
Col	Colusa	Marin	Marin	SBer	San Bernardino	Stan	Stanislaus
CCos	Contra Costa	Marip	Mariposa	SDgo	San Diego	Sut	Sutter
DelN	Del Norte	Mend	Mendocino	SF	San Francisco	Teh	Tehama
ElD	El Dorado	Mer	Merced	SJoa	San Joaquin	Trin	Trinity
Fres	Fresno	Modoc	Modoc	SLO	San Luis	Tul	Tulare
Glenn	Glenn	Mono	Mono		Obispo	Tuol	Tuolumne
Humb	Humboldt	Mont	Monterey	SMAT	San Mateo	Vent	Ventura
Imp	Imperial	Napa	Napa	SBAR	Santa Barbara	Yolo	Yolo
Inyo	Inyo	Nev	Nevada	SCLA	Santa Clara	Yuba	Yuba
Kern	Kern	Org	Orange	SCruz	Santa Cruz		

MULTS FOR CALIFORNIA ENTRIES

AL	Alabama	IA	Iowa	NH	New Hampshire	UT	Utah
AK	Alaska	KS	Kansas	NJ	New Jersey	VT	Vermont
AZ	Arizona	KY	Kentucky	NM	New Mexico	VA	Virginia
AR	Arkansas	LA	Louisiana	NY	New York	WA	Washington
CA	California	ME	Maine	NC	North Carolina	WV	West Virginia
CO	Colorado	MDC	Maryland/DC	ND	North Dakota	WI	Wisconsin
CT	Connecticut	MA	Massachusetts	OH	Ohio	WY	Wyoming
DE	Delaware	MI	Michigan	OK	Oklahoma	MAR	VO/VE1 Maritimes
FL	Florida	MN	Minnesota	OR	Oregon	PQ	Quebec
GA	Georgia	MS	Mississippi	PA	Pennsylvania	ON	Ontario
HI	Hawaii	MO	Missouri	RI	Rhode Island	MB	Manitoba
ID	Idaho	MT	Montana	SC	South Carolina	SK	Saskatchewan
IL	Illinois	NE	Nebraska	SD	South Dakota	AB	Alberta
IN	Indiana	NV	Nevada	TN	Tennessee	BC	British Columbia
				TX	Texas	YT/NT	Yukon/NW Terr.

CALL SIGN

STATE OR COUNTY

CLASS OF ENTRY
(Check all applicable boxes)

- ☐ Single Operator
☐ Multi-Single
☐ Multi-Multi
☐ California County Expedition
☐ Mobile
☐ Novice/Technician

Operator(s): _____

Power Level _____

CA Club Competition (5 logs min.)

☐ 9 X 12 SASE OR \$1.00
ENCLOSED FOR RESULTS

Name _____

Mailing Address: _____

Tel # _____

Age _____

Signature _____

Date _____

CALLSIGN _____

STATE/PROV/COUNTY _____

BAND MHz	TIME UTC	STATION	SENT	RECEIVED			POINTS
			NR + V	NR	STATE/CTY	MULT	
			1				
			2				
			3				
			4				
			5				
			6				
			7				
			8				
			9				
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